Integrating Safety & Security

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The Challenge

How do we balance priorities?

What are the differences?

How do we blend objectives?

Some of the Differences

- Hazards vs. Threats

Differences (Cont'd)

- Controls vs. Countermeasures

Differences (Cont'd)

- Normal Operations vs. Emergency Conditions

Differences (Cont'd)

- Open participation vs. Need to know

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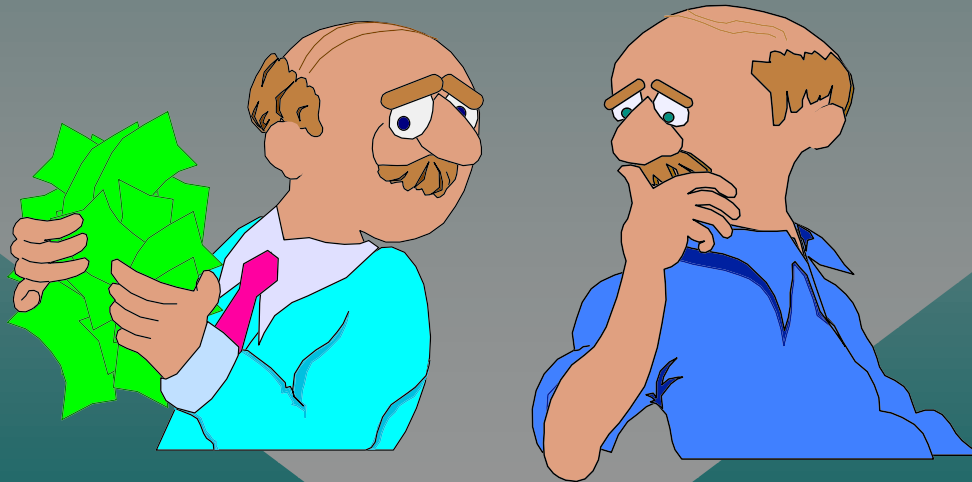
Differences (Cont'd)

- Safe vs. Safeguard

Specific Example

- Refueling
  - Keep the engine running
  - Exposure to exhaust fumes

Resolutions?

- Re-engineer exhaust? ($$$$)

- Turn engine off? - security impacts

Blending Objectives

- Program Direction

- Risk Acceptance levels

- Oversight

- Communities

What are we learning?

- **Integrated Mechanisms**

  – Authorization Basis needs to clearly define the safety/security balance.

    - Integrate Analyses.

    - Integrate Technical Safety Requirements & Countermeasures.

    - USSQ instead of USQ.

The Lesson Continues

- Integrated Responsibilities
  - Better partnering among safety and security communities
  - Better understanding of safety and security responsibilities

And...

- Integrated Implementation
  - Flexibility
  - Compromise
  - Respect

Next…

- ISSM Initiative
  - New Group
  - New DEAR clauses, Policy, Guide, Handbook

- Participate/Advocate

- Early Integration